

converting nitrogen oxides in the gas mixture to non-toxic compounds in a homogenous gas phase reaction in the presence of the vaporized additive.

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12. The method according to Claim 1, wherein the at least one additive is selected from the group consisting of diacetylferrocene, titanocene pentasulfide, and sulfur.

✓
13. The method according to Claim 1, wherein the at least one additive comprises ferrocene.

14. The method according to Claim 1, wherein at least one component of the gas-generating substance is coated with the at least one additive.

✓
15. The method according to Claim 1, wherein the additive substance is placed in a flow path of the gas mixture.